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Prior Art

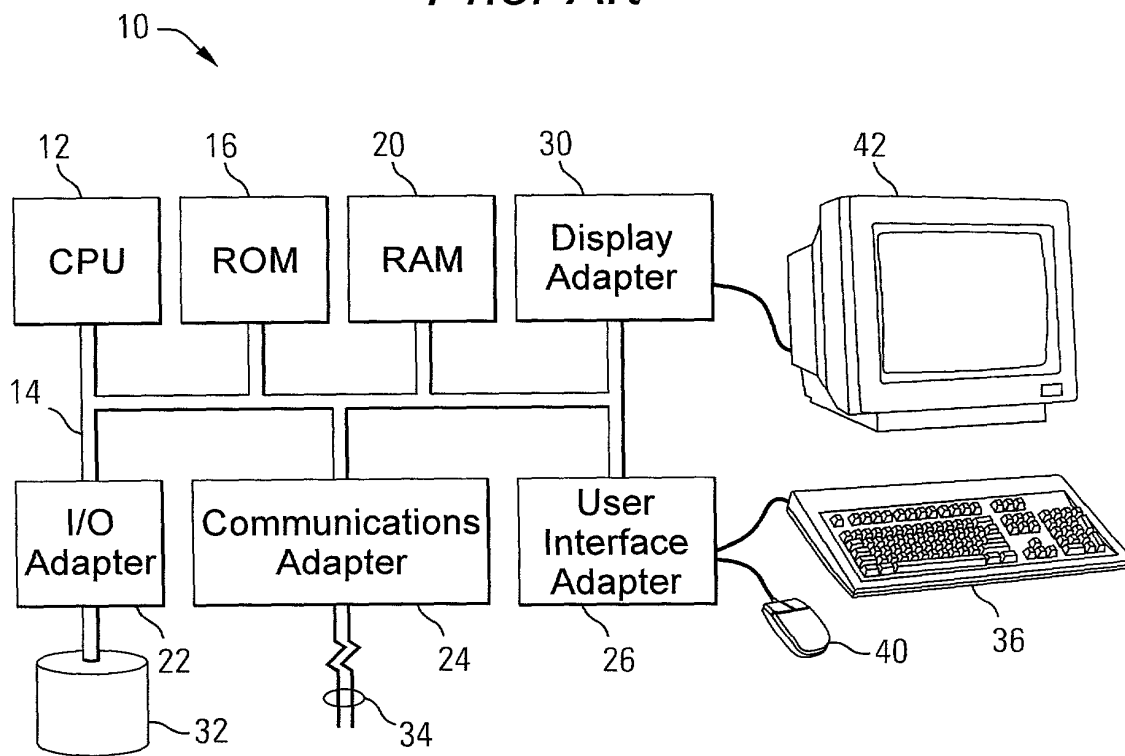


FIG. 1

Annotation Information:	70
The identity of a unique stack pointer register	72
A list of non-ambiguous memory locations	74
A mapping of memory references or accesses to all the non-ambiguous locations which are referenced in a stack frame's scope	76
A list of canonical names of stack frame locations that are promotable	80
The guarantee that no stack frame location is live beyond the scope of the stack frame	82
Format and location of stack unwinding information	

FIG. 5

Enabled Optimizations:	90
Removal of redundant callee-save register restores	92
Propagation of constant arguments	94
Promotion of local data from a stack frame location to a register	96
Removal of redundant callee register saves	98
Removal of stack frame allocation	

FIG. 6